

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	22075	(FPGA (field adj programmable adj gate adj array))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/03/28 09:41
S2	511043	firmware software	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/23 09:43
S3	2676723	memory register storage	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/14 09:29
S4	154	S1 NEAR5 S2 NEAR5 S3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/14 09:35
S5	2	("5583964" "4956771").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/23 16:10
S6	4	("5430687"   "5844829"   "6118938"   "Re34363").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/23 16:10
S7	522	(716/16).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/15 14:57
S8	1245	(710/8).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/26 16:14
S9	836	(716/12).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/15 14:57
S10	354	S7 and (FPGA (field adj programmable adj gate adj array))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/15 14:49
S11	55	S7 and (FPGA (field adj programmable adj gate adj array)) and (((non adj volatile) nonvolatile)) near3 memory)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/15 15:18
S12	28	S8 and (FPGA (field adj programmable adj gate adj array)) and (((non adj volatile) nonvolatile)) near3 memory)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/15 15:25
S13	36	S9 and (FPGA (field adj programmable adj gate adj array)) and (((non adj volatile) nonvolatile)) near3 memory)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/15 15:26
S14	11	("4080651"   "5212693"   "5430687"   "5467286"   "5606660"   "5844829"   "5859993"   "5870609"   "6009500"   "6253281"   "RE34363").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/23 16:11

## EAST Search History

S15	7	("5327531"   "5535355"   "5537654"   "5579522"   "5630139"   "5987581"   "6012961").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/23 16:11
S16	24167	(FPGA (field adj programmable adj gate adj array)) (programmable adj circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/22 15:00
S17	840637	\$2program \$2configure	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/22 15:01
S18	1736	S17 NEAR5 S16	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/22 15:01
S19	514536	firmware software	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/22 15:01
S20	2683755	memory register storage	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/22 15:02
S21	250	(S17 NEAR5 S16) SAME S19 SAME S20	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/23 09:48
S22	230	S21 AND @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/22 15:03
S23	7	("5212693"   "5430687"   "5473758"   "5841996"   "5844829"   "6222757"   "RE34363").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/23 16:11
S24	182936	(FPGA (field adj programmable adj gate adj array)) (programmable adj circuit) (PLA) (programmable adj logic adj array)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/23 09:43
S25	516952	firmware software netlist (net adj list)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/23 09:43
S26	24167	(FPGA (field adj programmable adj gate adj array)) (programmable adj circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/23 09:48
S27	840637	\$2program \$2configure	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/23 09:48

## EAST Search History

S28	514536	firmware software	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/23 09:48
S29	2683755	memory register storage	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/23 09:48
S30	250	(S27 NEAR5 S26) SAME S28 SAME S29	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/23 09:48
S31	33	((S27 NEAR5 S24) SAME S25 SAME S29) NOT S30	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/23 09:49
S32	27	S31 AND @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/23 09:53
S35	320	xilinx.as. AND (S24 SAME S27) AND @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/23 09:55
S36	87	xilinx.as. AND (S24 SAME S27 SAME S25) AND @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/23 09:55
S37	200	(712/15).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/23 12:55
S38	676315	registry database	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/23 16:16
S39	516952	firmware software netlist (net adj list)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/23 16:12
S40	5240	(S39 OR Configuration) ADJ S38	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/23 16:13
S41	182936	(FPGA (field adj programmable adj gate adj array)) (programmable adj circuit) (PLA) (programmable adj logic adj array)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/23 16:13

## EAST Search History

S42	297	S40 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/23 16:14
S43	5	S40 SAME S41	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/23 16:14
S44	32	("4942319"   "4963768"   "5394031"   "5394032"   "5493239"   "5543730"   "5608342").PN. OR ("5838167").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/26 11:15
S45	1503090	processor CPU microcontroller (micro adj (controller processor)) micropocesser controller	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/26 12:30
S46	5072	test adj (port pin)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/26 12:30
S47	3925	JTAG	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/26 12:35
S48	182936	(FPGA (field adj programmable adj gate adj array)) (programmable adj circuit) (PLA) (programmable adj logic adj array)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/26 12:32
S49	2	S45 same S46 same S47 same S48	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/26 12:33
S50	163	S45 same S47 same S48	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/26 13:00
S51	110	S50 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/26 12:34
S52	5736	JTAG (joint adj test adj (action advisory) adj group) (boundary adj scan) (IEEE adj2 "1149.1")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/26 12:59
S53	138	(S45 same S52 same S48) AND @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/26 13:01
S54	1	("5892962").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/26 14:18
S55	1	("1061439").PN.	EPO	OR	OFF	2005/09/26 13:49

## EAST Search History

S56	5	FPGA ADJ Code ADJ Database	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/26 14:19
S57	48	("20020070753"   "20030005207"   "20030120974"   "4914576"   "5101490"   "5343478"   "5425036"   "5428800"   "5465056"   "5477544"   "5761462"   "5802268"   "5826048"   "5864486"   "5894571"   "5933614"   "5935233"   "5970005"   "6031391"   "6044025"   "6055632"   "6137738"   "6167358"   "6167477"   "6198303"   "6255849"   "6289406"   "6314550"   "6366973"   "6401153"   "6405276"   "6427198"   "6430710"   "6459297"   "6460108"   "6501682"   "6526332"   "6529989"   "6567414"   "6614259"   "6622206"   "6622246"   "6629179"   "6636927"   "6651225"   "6658508"   "6658519"   "6691205"). PN. OR ("6918027").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/26 14:21
S58	172	(712/10).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/26 16:14
S59	119	(multiprocessor (multi adj processor)) NEAR5 update	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/27 09:49
S60	180	(first ADJ processor) SAME (second ADJ processor) SAME update	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/27 09:54
S61	103	S59 AND @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/27 09:49
S62	160	S60 AND @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/27 09:54
S63	47	((first ADJ processor) NEAR10 (second ADJ processor)) NEAR5 update	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/27 09:54
S64	40	S63 AND @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/27 09:54
S65	1	("6425126").PN.	USPAT	OR	OFF	2005/09/27 11:06
S66	2	separate NEAR5 small\$2 NEAR5 memor\$3 NEAR7 cost	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/27 11:07
S67	139	(first NEAR2 test NEAR2 port) SAME (second NEAR2 test NEAR2 port)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/27 12:27

## EAST Search History

S68	5	(first NEAR2 (test JTAG) NEAR2 port) SAME (second NEAR2 (test JTAG) NEAR2 port) SAME processor	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/27 12:29
S69	0	(processor NEAR2 (test JTAG) NEAR2 port) SAME ((FPGA PLA PLD FPLA) NEAR2 (test JTAG) NEAR2 port)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/27 12:34
S70	106	(processor NEAR2 (test JTAG) NEAR2 port)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/27 12:30
S71	80	S70 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/27 12:30
S72	23	((FPGA PLA PLD FPLA) NEAR2 (test JTAG) NEAR2 port)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/27 12:34
S73	24	("20020073372"   "4771399"   "5032533"   "5652886"   "5668816"   "5702988"   "5759877"   "5878051"   "5889701"   "5909587"   "5946267"   "5970005"   "5991907"   "6003150"   "6044025"   "6046957"   "6154864"   "6202182"   "6260139"   "6401160"   "6538468"   "6539510"   "6631487").PN. OR ("6839873").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 14:28
S74	29	("5208781"   "5394031"   "5426379"   "5430687"   "5457408"   "5485418"   "5488582"   "5654650"   "5670897"   "5726584"   "5773993"   "5804986"   "5838165"   "5870410"   "5970240"   "5977791"   "6020757"   "6026465"   "6091263"   "6097211"   "6097988"   "6104208"   "6107821"   "6157210"   "RE34363").PN. OR ("6429682").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 15:56
S75	47	("20020070753"   "20030005207"   "20030120974"   "4914576"   "5101490"   "5343478"   "5425036"   "5428800"   "5465056"   "5477544"   "5761462"   "5802268"   "5826048"   "5864486"   "5894571"   "5933614"   "5935233"   "5970005"   "6031391"   "6044025"   "6055632"   "6137738"   "6167358"   "6167477"   "6198303"   "6255849"   "6289406"   "6314550"   "6366973"   "6401153"   "6405276"   "6427198"   "6430710"   "6459297"   "6460108"   "6501682"   "6526332"   "6529989"   "6567414"   "6614259"   "6622206"   "6622246"   "6629179"   "6636927"   "6658508"   "6658519"   "6691205").PN. OR ("6883109").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 16:10
S76	14	("5640107"   "5646544"   "5760607"   "5768372"   "5859544"   "5870410"   "5923614"   "5999015"   "6028445"   "6031391").PN. OR ("6198303").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 16:20
S77	807	((pipeline (pipe adj line)) adj (unit computer))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/28 10:36
S78	1	hardwire\$1 ADJ ((pipeline (pipe adj line)) adj (unit computer))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/28 10:04

## EAST Search History

S79	77	(712/21).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/28 10:17
S80	182987	((FPGA (field adj programmable adj gate adj array)) (programmable adj circuit) (PLA) (programmable adj logic adj array))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/28 10:36
S81	6	((pipeline (pipe adj line)) adj (unit computer)) SAME S80	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/28 10:38
S82	1048	((pipeline (pipe adj line))) SAME S80	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/28 10:37
S83	13	((pipeline (pipe adj line)) adj (unit computer processor)) SAME S80	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/28 10:38
S84	8801	((710/1,8,13,100,104) or (712/1,10,16,21,32,37) or (716/1,12,16,17)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 09:41
S85	764271	(firmware driver (operating near3 (instruction program software code)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 09:43
S86	561468	(\$1PGA (programmable adj gate adj array)) (PLU (programmable adj logic adj unit)) (programmable near circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 09:43
S87	4553329	(memory stor\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 09:44
S88	920918	((volatile near3 (memory storage)) RAM) (non-volatile near3 (memory storage)) (ROM EPROM EEPROM flash nv-ram)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 09:46
S89	3098312	(configur\$5 reconfigur\$5 initializ\$5 set?up provision\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 09:47
S90	865	S85 SAME S86 SAME S87 SAME S88 SAME S89	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 09:48

## EAST Search History

S91	38	S90 AND S84	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 09:49
S92	8801	((710/1,8,13,100,104) or (712/1,10,16,21,32,37) or (716/1,12,16,17)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 12:32
S93	764271	(firmware driver (operating near3 (instruction program software code)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 12:32
S94	561468	(\$1PGA (programmable adj gate adj array)) (PLU (programmable adj logic adj unit)) (programmable near circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 12:32
S95	4553329	(memory stor\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 12:32
S96	920918	((volatile near3 (memory storage)) RAM) (non-volatile near3 (memory storage)) (ROM EPROM EEPROM flash nv-ram)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 12:32
S97	3098312	(configur\$5 reconfigur\$5 initializ\$5 set?up provision\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 12:32
S98	9818215	(multipl\$5 two three four many plural\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 12:35
S99	24	((S98 NEAR2 S93) WITH S95) SAME S94	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 12:54
S100	8801	((710/1,8,13,100,104) or (712/1,10,16,21,32,37) or (716/1,12,16,17)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 15:25
S101	764271	(firmware driver (operating near3 (instruction program software code)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 14:50
S102	561468	(\$1PGA (programmable adj gate adj array)) (PLU (programmable adj logic adj unit)) (programmable near circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 14:50

## EAST Search History

S10 3	4553329	(memory stor\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 14:50
S10 4	920918	((volatile near3 (memory storage)) RAM) (non-volatile near3 (memory storage)) (ROM EPROM EEPROM flash nv-ram)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 14:50
S10 5	3098312	(configur\$5 reconfigur\$5 initializ\$5 set?up provision\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 14:50
S10 6	9818215	(multipl\$5 two three four many plural\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 14:50
S10 7	21	(first WITH second WITH firmware) SAME S102	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 14:56
S10 8	16	("5430687"   "5844829"   "6118938"   "Re34363").PN. OR ("6308311").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 15:20